



Montana Department of Transportation  
PO Box 201001  
Helena, MT 59620-1001

## Memorandum

To: Kevin Gilbert, P.E.  
Road Design

From: Tyrel Murfitt *TGM*  
Glendive Geotechnical Engineer

Date: 13 October 2009

Subject: Redstone E & W  
Project: STPP 22-1(5)15  
UPN: 2024

The Geotechnical Section recommends between sta. 1159+00 and 1219+00 that the subgrade be subexcavated a minimum of 3.0 ft and replaced with Geotextile and Special Borrow; due to the softness and moisture sensitivity of the existing subgrade soils. The soils in question have moisture contents from slightly below to above the plastic limit.

Two specials are attached and located on DMS, they are titled: DIGOUT and GEOGRID.

Attachments: Digout special provision  
Geogrid special provision

Original: Geotechnical Project File

Copies: Ray Mengel, District Administrator – Glendive (w/o attachments)  
James Frank, P.E., D.E.S.S. – Glendive (w/o attachments)  
Mac McArthur, P.E., Construction – Helena (w/o attachments)  
Matt Strizich, P.E., Materials – Helena (w/o attachments)  
Liza Zeigler, - Helena